

OSA-5679-63

4 November 63

Dear Ed:

25X1A It is agreed that the investigation of the neck seal vs. face seal in the full pressure suit indicates the advisability of keeping the face seal configuration. Firewel will reconvert to the face seal for subject 1045 and [ ] and will not install the neck seal on [ ] suit. 25X1A

25X1A There is no objection to your pilots continuing with the conventional soles and heels on their pressure suit boots.

25X1A The vent air extension into the pressure suit glove looks promising and Firewel has been requested to modify the suits of [ ] and subject 1045 for further evaluation. The vent air exit into the boot tops will also be modified to increase vent into the feet.

25X1A Firewel is working on my pressure suit regarding the suit controller exhaust port, per the theory advanced by [ ] to decrease oxygen usage.

25X1A A vacuum packed sleeping bag, which is intended to replace the present survival kit seal cushion, has been sent to [ ] for evaluation.

Please forward conclusions regarding minimum safe altitude for ejection when the aircraft is going over 300 KIAS.

Sincerely,

SIGNED

[ ]

25X1A

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